

Fig. 1 Prior art

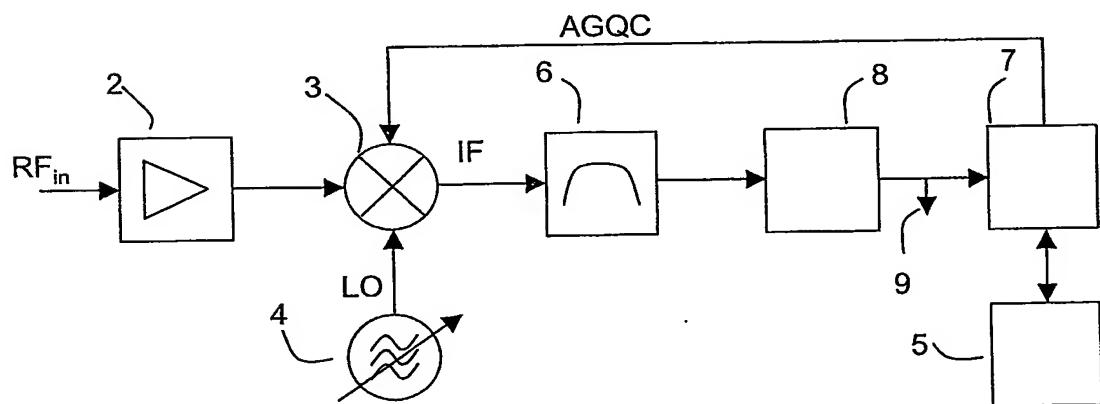


Fig. 2

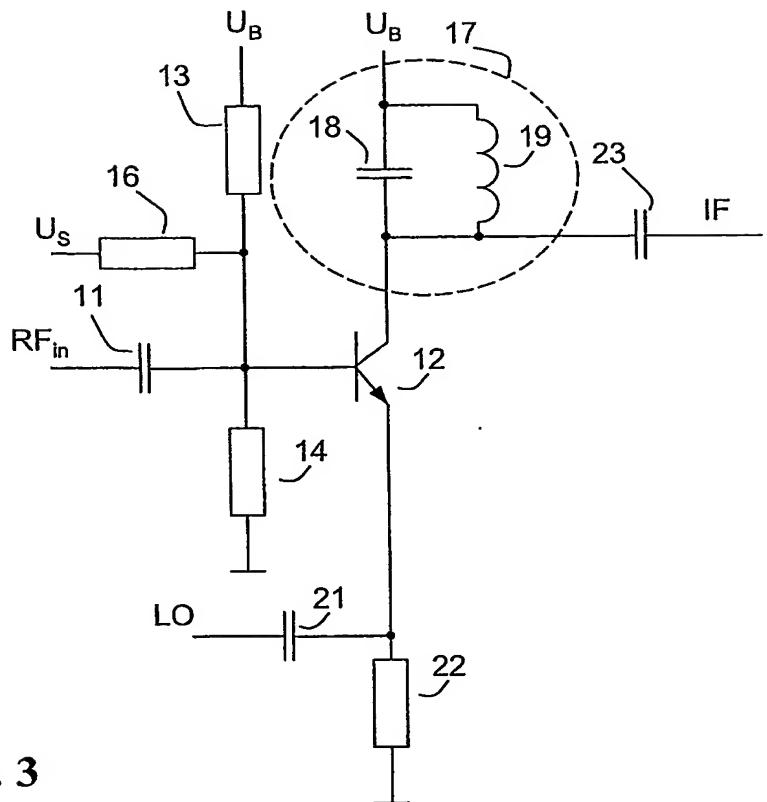


Fig. 3

Intermodulation Intercept Point  $IP_3 = f(I_C)$

(3rd order, Output,  $Z_S = Z_L = 50\Omega$ )

$V_{CE}$  = Parameter,  $f = 900\text{MHz}$

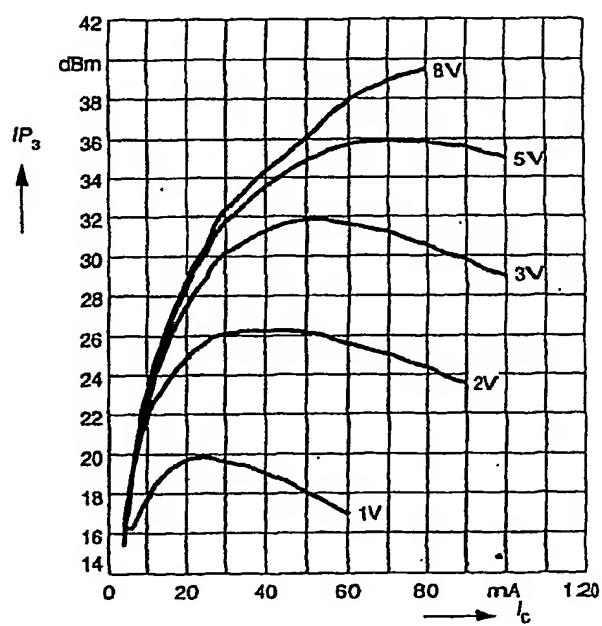
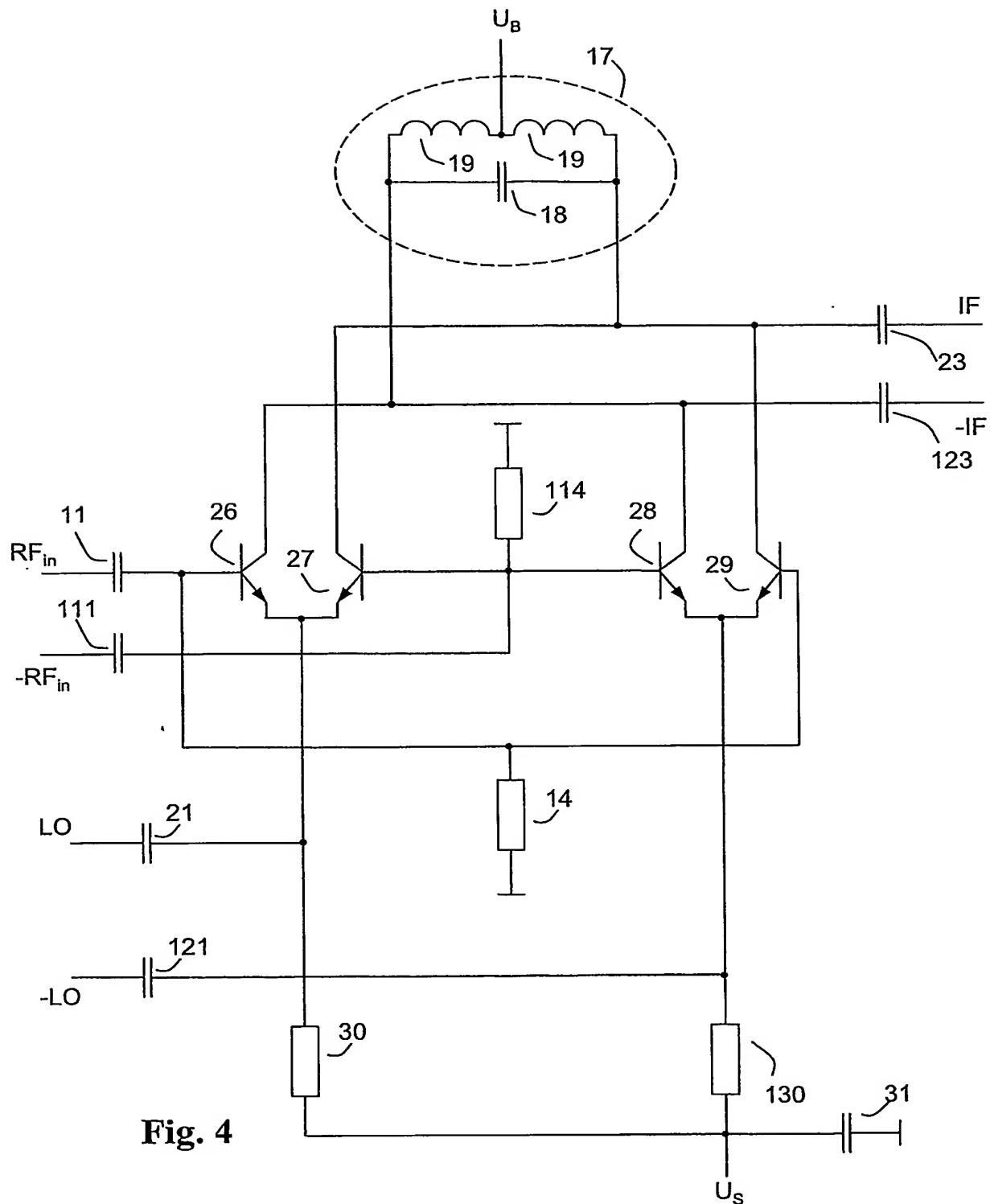


Fig. 5



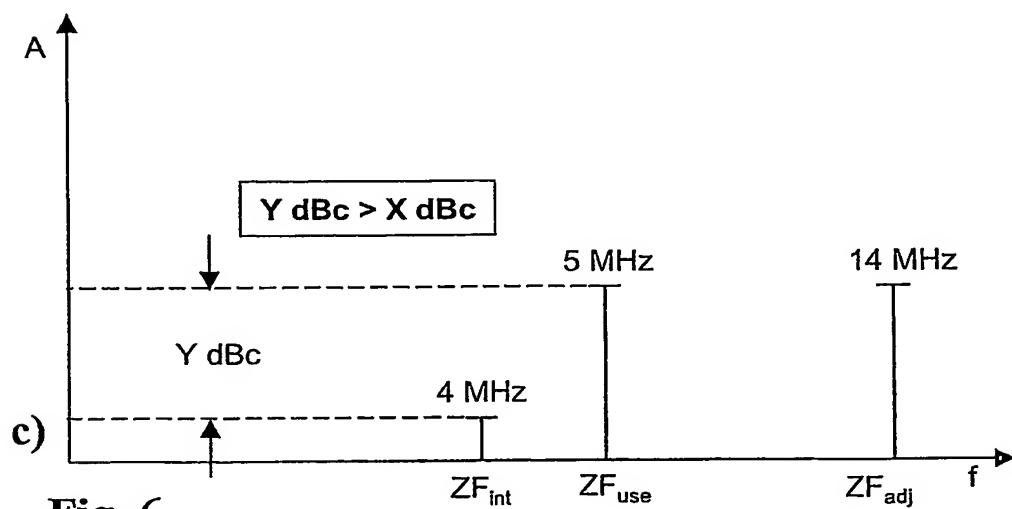
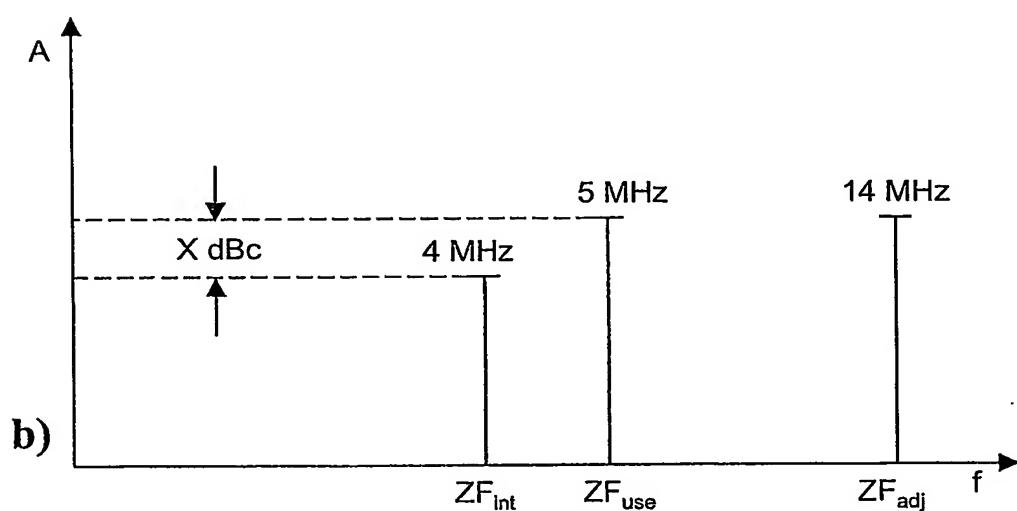
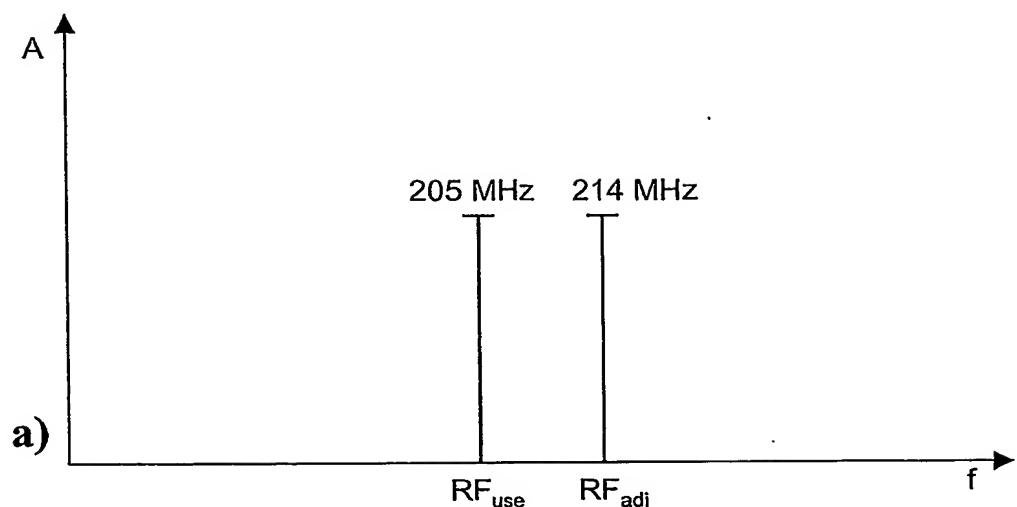


Fig. 6